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prophetic substances
NEWS 4 JAN 28 USPATFULL, USPAT2, and USPATOLD enhanced with new
custom IPC display formats
NEWS 5 JAN 28 MARPAT searching enhanced
NEWS 6 JAN 28 USGENE now provides USPTO sequence data within 3 days
of publication
NEWS 7 JAN 28 TOXCENTER enhanced with reloaded MEDLINE segment
NEWS 8 JAN 28 MEDLINE and LMEEDLINE reloaded with enhancements
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NEWS 11 FEB 25 IFIREF reloaded with enhancements
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NEWS 13 FEB 29 WPINDEX/WPIDS/WPIX enhanced with ECLA and current
U.S. National Patent Classification
NEWS 14 MAR 31 IFICDB, IFIPAT, and IFIUDB enhanced with new custom
IPC display formats
NEWS 15 MAR 31 CAS REGISTRY enhanced with additional experimental
spectra
NEWS 16 MAR 31 CA/CAPLUS and CASREACT patent number format for U.S.
applications updated
NEWS 17 MAR 31 LPCI now available as a replacement to LDPCI
NEWS 18 MAR 31 EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 19 APR 04 STN AnaVist, Version 1, to be discontinued

NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
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***** STN Columbus *****

FILE 'HOME' ENTERED AT 13:08:48 ON 07 APR 2008

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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

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STRUCTURE FILE UPDATES: 6 APR 2008 HIGHEST RN 1012582-98-7
 DICTIONARY FILE UPDATES: 6 APR 2008 HIGHEST RN 1012582-98-7

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```
=> kedw/sqsp
L1      3107 KEDW/SQSP

=> kedw/sqsp and sql=4
      2 KEDW/SQSP
      77543 SQL=4
L2      2 KEDW/SQSP AND SQL=4
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=> file caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	66.41	66.62

FILE 'CAPLUS' ENTERED AT 13:09:54 ON 07 APR 2008
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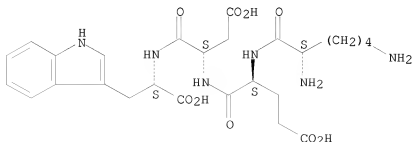
=> 12

L3 2 L2

=> d ibib abs total hitstr

L3 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:1300767 CAPLUS
DOCUMENT NUMBER: 145:202495
TITLE: Effect of Tetrapeptide on Insulin Biosynthesis in Rats
with Alloxan-Induced Diabetes
AUTHOR(S): Khavinson, V. Kh.
CORPORATE SOURCE: St. Petersburg Institute of Bioregulation and
Gerontology, North-Western Division, Russian Academy
of Medical Sciences, Russia
SOURCE: Bulletin of Experimental Biology and Medicine (2005),
140(4), 452-454
CODEN: BEXBAN; ISSN: 0007-4888
PUBLISHER: Springer
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Anal. of amino acid sequences of insulinotropic polypeptides revealed a
common short fragment consisting of four amino acid residues. We
synthesized KEDWa tetrapeptide, analog of this fragment protected from the
effects of gastrointestinal proteinases. This tetrapeptide partially
restored insulin synthesis in rats with alloxan-induced diabetes. The
slope of the sugar curve in this case was similar to that in normal
animals. Presumably, this tetrapeptide activates the preproinsulin gene
promotor site via complementary interactions with the ggcagg and cctgcc
nucleotide sequences of the leading strand of double-stranded DNA.
IT 904292-59-7
RL: PAC (Pharmacological activity); PRP (Properties); THU (Therapeutic
use); BIOL (Biological study); USES (Uses)
(KEDWa tetrapeptide activated preproinsulin gene promoter site via
complementary interaction with ggcagg and cctgcc nucleotide sequence of
double-stranded DNA and partially restored insulin synthesis in
alloxan-induced diabetic rat)
RN 904292-59-7 CAPLUS
CN L-Tryptophan, L-lysyl-L- α -glutamyl-L- α -aspartyl- (CA INDEX
NAME)

Absolute stereochemistry.



REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:1106537 CAPLUS

DOCUMENT NUMBER: 142:62720

TITLE: Tetrapeptide regulating glucose level in diabetes mellitus, pharmacological agent based on thereof and method for its applying

INVENTOR(S): Khavinson, V. Kh.; Malinin, V. V.; Grigor'ev, E. I.; Ryzhak, G. A.

PATENT ASSIGNEE(S): Sankt-Peterburgskaya Obshchestvennaya Organizatsiya "Sankt-Peterburgskii Institut Bioregulyatsii i Gerontologii SZO RAMN", Russia

SOURCE: Russ., No pp. given

CODEN: RUXXE7

DOCUMENT TYPE: Patent

LANGUAGE: Russian

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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RU 2242241	C1	20041220	RU 2003-135605	20031210
AU 2004296269	A1	20050623	AU 2004-296269	20040809
CA 2547873	A1	20050623	CA 2004-2547873	20040809
WO 2005056580	A1	20050623	WO 2004-RU318	20040809
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RM:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1697401	A1	20060906	EP 2004-775257	20040809
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK			
JP 2007537140	T	20071220	JP 2006-543758	20040809
LT 5421	B	20070525	LT 2006-24	20060405
LV 13462	B	20070220	LV 2006-55	20060406
US 20070142298	A1	20070621	US 2006-580957	20060530
KR 2007022199	A	20070226	KR 2006-711267	20060608
IN 2006CN02482	A	20070608	IN 2006-CN2482	20060706
PRIORITY APPLN. INFO.:			RU 2003-135605	A 20031210
			WO 2004-RU318	W 20040809

AB The invention relates to an agent regulating glucose level that can be used for prophylaxis and treatment of diabetes mellitus. Invention proposes new tetrapeptide: lysyl-glutamyl-aspartyl-tryptophane-amide of the general formula: Lys-Glu-Asp-Trp-NH₂ eliciting biol. activity that is able to regulate glucose level. Also, invention relates to pharmacol. agent comprising tetrapeptide lysyl-glutamyl-aspartyl-tryptophan-amide of the general formula: Lys-Glu-Asp-Trp-NH₂ as an active peptide agent taken in the ED. Invention proposes a method for prophylaxis and/or treatment of diabetes mellitus comprising administration to patient the pharmacol. agent comprising tetrapeptide of the general formula: Lys-Glu-Asp-Trp-NH₂ as an active peptide agent in EDs 0.1-30 µg/kg for at least once per a day. Invention provides preparing biol. active compound of the peptide nature regulating glucose level in diabetes mellitus type 1 and type 2.

IT 809290-50-4P

RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic

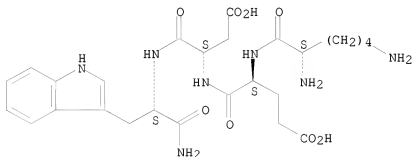
preparation); THU (Therapeutic use); BIOL (Biological study); PREP
(Preparation); USES (Uses)

(amino acid sequence; tetrapeptide regulating glucose level in diabetes
mellitus, pharmacol. agent based on thereof and method for applying)

RN 809290-50-4 CAPLUS

CN L-Tryptophanamide, L-lysyl-L- α -glutamyl-L- α -aspartyl- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.



=> logoff h

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

11.38	78.00
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION

CA SUBSCRIBER PRICE

-1.60	-1.60
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SESSION WILL BE HELD FOR 120 MINUTES

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